response to the three-month shortened statutory period is due August 11, 2004, Applicants respectfully submit that this Response is therefore considered timely filed.

AMENDMENTS

Attorney Docket Number

Please change the Attorney Docket Number from "002879P049" to --**075115.0331**--.

Please note a Change of Mailing Address for prosecution purposes is enclosed herewith.

Claims

Please cancel claims 36-94 without prejudice to file same in a continuation, continuation-in-part, divisional or co-pending application.

Applicants respectfully submit that no amendments have been made to the pending claims for the purpose of overcoming any prior art rejections that would restrict the literal scope of the claims or equivalents thereof.

PENDING CLAIMS AND STATUS THEREOF

1. (original) A display apparatus comprising:

a display medium;

a transparent substrate;

a non-transparent substrate, said display medium being disposed between said transparent substrate and said non-transparent substrate; and

an adhesive material coupling said transparent substrate and said non-transparent substrate said adhesive material being disposed proximate to a channel which is in at least one of said transparent substrate and non-transparent substrate.

2. (original) An apparatus, as in claim 1, wherein said display medium is a liquid crystal material.

3. (original) An apparatus, as in claim 1, wherein at least one of said transparent substrate and said non-transparent substrate is made, at least in part, with silicon.

4. (original) An apparatus, as in claim 1, wherein at least one of said transparent substrate and said non-transparent substrate is made, at least in part, with glass.

5. (original) An apparatus, as in claim 2, wherein at least one of said transparent substrate and said non-transparent substrate is an integrated circuit.

6. (original) An apparatus, as recited in claim 1, wherein said adhesive material is disposed adjacent to said channel.

7. (original) An apparatus, as recited in claim 1, wherein a flow of the adhesive material in a direction away from a display area is minimized.

8. (original) An optical apparatus comprising:

a non-transparent substrate;

a transparent substrate;

a channel, formed in at least one of said transparent substrate and said non-transparent substrate, to receive a flow of adhesive material disposed proximate to said channel;

wherein the adhesive material is disposed between said transparent substrate and said non-transparent substrate and couples said transparent substrate and said non-transparent substrate together.

9. (original) An apparatus, as in claim 8, wherein at least one of said transparent substrate and said non-transparent substrate is made, at least in part, with silicon.

10. (original) An apparatus, as recited in claim 8, wherein at least one of said transparent substrate and said non-transparent substrate is made, at least in part, with glass.

11. (original) An apparatus, as recited in claim 8, wherein the adhesive material is disposed adjacent to said channel.

12. (original) An apparatus, as recited in claim 8, wherein a flow of the adhesive material in a direction away from a display area is minimized.

13. (original) An apparatus, as in claim 8, further comprising a display medium.

14. (original) An apparatus, as in claim 13, wherein said display medium is a liquid crystal material.

15. (original) An apparatus, as in claim 8, further comprising at least a first metal layer and a second metal layer.

16. (original) An apparatus, as in claim 8, further comprising a passivation dielectric layer.

17. (original) An apparatus, as in claim 16, further comprising a liquid crystal material wherein said liquid crystal material is disposed between said transparent substrate and said non-transparent substrate.

18. (original) An apparatus, as recited in claim 17, wherein at least one of said transparent substrate and said non-transparent substrate is made, at least in part, with glass.

19. (original) An apparatus, as in claim 18, wherein at least one of said transparent substrate and said non-transparent substrate has a conductive layer coupled therewith.

20. (original) An apparatus, as in claim 19, further comprising a conductive crossover material wherein said conductive crossover material is disposed between said conductive layer and at least one of said first metal layer and said second metal layer.

21. (original) An apparatus, as in claim 20, further comprising at least one bond pad coupled with at least one of said first metal layer and said second metal layer.

22. (original) An optical apparatus comprising:

a non-transparent substrate;

a transparent substrate;

an adhesive material disposed on at least one of said transparent substrate and said non-transparent substrate; and

a channel, formed in at least one of said transparent substrate and said non-transparent substrate, to receive a flow of said adhesive material.

23. (original) An apparatus, as recited in claim 22, wherein at least one of said transparent substrate and said non-transparent substrate is made, at least in part, with silicon.

24. (original) An apparatus, as recited in claim 22, wherein at least one of said transparent substrate and said non-transparent substrate is made, at least in part, with glass.

25. (original) An apparatus, as recited in claim 22, wherein said adhesive material is disposed adjacent to said channel.

26. (original) An apparatus, as recited in claim 22, wherein a flow of said adhesive material in a direction away from a display area is minimized.

27. (original) An apparatus, as in claim 22, further comprising a display medium.

28. (original) An apparatus, as in claim 26, wherein said display medium is a liquid crystal material.

29. (original) An apparatus, as in claim 22, further comprising at least a first metal layer and a second metal layer.

30. (original) An apparatus, as in claim 29, further comprising a passivation dielectric layer.

31. (original) An apparatus, as in claim 30, further comprising a display medium.

32. (original) An apparatus, as in claim 31, further comprising a liquid crystal material.

33. (original) An apparatus, as in claim 32, wherein at least one of said transparent substrate and said non-transparent substrate having a conductive layer coupled therewith.

34. (original) An apparatus, as in claim 33, further comprising a conductive crossover material wherein said conductive crossover material is disposed between said conductive layer and at least one of said first metal layer and said second metal layer.

35. (original) An apparatus, as in claim 34, further comprising at least one bond pad coupled with at least one of said first metal layer and said second metal layer.

Claims 36-94 (canceled)